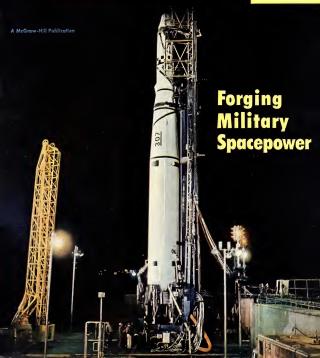
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A 286 Devesion Executed Steel	200,000 per	-425 to 2200 °F	Transport.

40mm 340

Typical Bland Configurations

Internal or External Heap or

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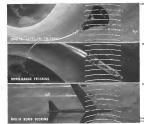
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Aviation Week ... Space Technology U.S. AIR FORCE SYSTEMS COMMAND

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USAF Developing Wide Space Capabilities

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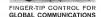
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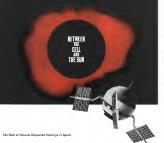
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Ballistic Missile Program Moving Forward

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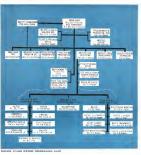
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"Whither paest they, and by what avidence?" spake the great Persian astronomer, Nassir-Eddin Al Turi to Marca Pelo, as the Varieties annuaged his adventure to the For Fact in 1271. The astronomer's advice was simple and direct. "Knowest then the store " What better advice for today's explorers? What better guidance system than knowledge itself, as we step off the earth's edge . * THE "COPERNICAN" PLANETARIUM BRINGS A MOVING UNIVERSE INCOORS Before men explore space they must know where they're paint and how to raide themselves. The "Conemican" teaches them by bringing alive the sciences of astronomy and celestial navication. Orbital mechanics and body to-body transfer can he calculated using the "Conemican" as a celestial analog computer. Mission pre-planning and inbriefler can be simplified and clarified. The "Congraigen" brings the moving Universe into the classroom, lecture hall, and briefing room-under your exacting control. * See the "Constructor" Planetarium in action 25 "A.R.S. SPACE FLIGHT REPORT TO THE NATION. Dct. 9-15. New York City. Exhibit Sta. 202 (1st FL) SCIENTIFIC INQUSTRIES, INCORPORATEO



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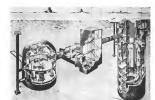
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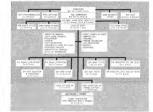
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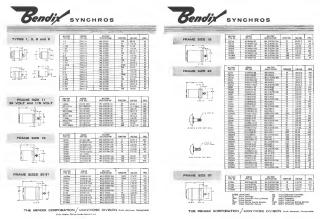






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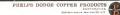
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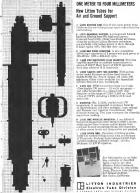
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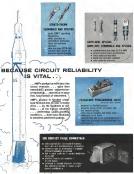


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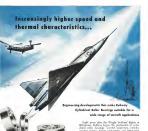
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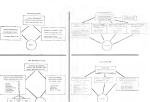


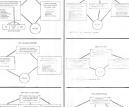














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- Hit 4 oncoming tanks in 48 seconds, the attack being spread over a 40 dagree arc

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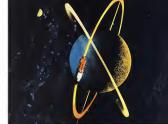
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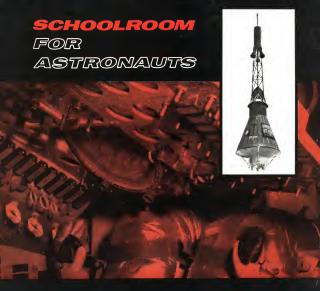
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On America's drawing boards and in the laboratories are two, three and five-man spacecraft, space platforms and manned lunar craft. The goal is interplanetary flight. Eventually, lifetimes may be devoted to a single space adventure.

But man must conquer near space before he goes afar.

Ready to serve as the trainer for future astronauts is NASA's Project Mercury spaceraft. This compact, one-man vehicle now carrying the first Americans into space is an astromedical laboratory to test man's reactions to this new environment. But the Mercury spaceraft can easily serve as a readily available and efficient

schoolroom for future astronautics students making their first leaps into space.

Months of ground training will be necessary for coming space explorers. Then will come trajectory flights to experience weightlessness and spacecraft control. Earthorbital flights will acquaint the future astronauts with spacecraft control, celestial and ground observation, reentry techniques, artificial atmosphere and other environment concepts.

Only after he has mastered the "one-room school-house of the space age" will the astronaut be ready to man a deep space vehicle.

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